

L Number	Hits	Search Text	DB	Time stamp
1	4	"6094216"	USPAT; US-PPGPUB USPAT	2004/10/01 09:40
2	5	("4562463" "4772943" "4851901" "5132839" "5875055").PN.	USPAT	2004/10/01 09:14
4	3	(yano near tomoya) and shutter	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/10/01 09:41
3	104	yano near tomoya	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/10/01 09:42
147	15813	(liquid near crystal) and shutter	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/10/01 13:38
148	1455	((liquid near crystal) and shutter) and (light adj5 ((emit\$3 transmi\$7) and (intercept\$3 shield\$3)))	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/10/01 10:15
149	383	((liquid near crystal) and shutter) and (light adj5 ((emit\$3 transmi\$7) and (intercept\$3 shield\$3))) and (((turn\$3 adj2 off) block\$3 (shut\$4 adj2 off) (non adj display\$3)) with image)	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/10/01 10:25
150	82	(((liquid near crystal) and shutter) and (light adj5 ((emit\$3 transmi\$7) and (intercept\$3 shield\$3))) and (((turn\$3 adj2 off) block\$3 (shut\$4 adj2 off)) adj3 image))	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/10/01 10:28
151	82	(((liquid near crystal) and shutter) and (light adj5 ((emit\$3 transmi\$7) and (intercept\$3 shield\$3))) and (((turn\$3 adj2 off) block\$3 (shut\$4 adj2 off)) adj3 image))	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/10/01 13:49
152	34	5,828,427	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/10/01 11:52
153	1	("5,828,427").PN.	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/10/01 11:52
154	8803	((liquid near crystal) and shutter) and (reflect\$3)	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/10/01 13:49
155	74	(((liquid near crystal) and shutter) and (light adj5 ((emit\$3 transmi\$7) and (intercept\$3 shield\$3))) and (((turn\$3 adj2 off) block\$3 (shut\$4 adj off)) adj3 image)) and ((liquid near crystal) and shutter) and (reflect\$3))	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/10/01 13:39
156	1129	((liquid near crystal) and shutter) and ((reflection reflective) adj2 type)	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/10/01 13:49
157	4	(((liquid near crystal) and shutter) and ((reflection reflective) adj2 type)) and (((turn\$3 adj off) (shut\$4 adj off)) adj3 image)	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/10/01 14:12
158	76	(liquid near crystal) and transreflective	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/10/01 14:13
159	34	((liquid near crystal) and transreflective) and backlight	USPAT; US-PPGPUB; EPO; JPO; IBM_TDB	2004/10/01 14:13
-	71	345/48.ccls.	USPAT; US-PPGPUB	2003/09/03 17:39
-	314	345/48,64,102.ccls.	USPAT; US-PPGPUB	2002/04/03 16:23

-	13	(liquid adj crystal adj display) and (back adj light) and ((shield or block) adj member)	USPAT; US-PGPUB	2002/04/03 16:30
-	842	((liquid adj crystal adj display) and ((image or (non adj image)) near display)) and (transmission adj type)	USPAT; US-PGPUB	2002/04/05 17:13
-	11	(liquid adj crystal adj display) and ((image and (non adj image)) near display)	USPAT; US-PGPUB	2002/04/03 16:36
-	421	345/8.cccls.	USPAT; US-PGPUB	2002/04/03 16:54
-	9	345/64.cccls.	USPAT; US-PGPUB	2002/04/03 16:55
-	31	(liquid adj crystal adj display) and ((back adj light) near controll\$2)	USPAT; US-PGPUB	2002/04/03 17:00
-	157	345/48.cccls.	USPAT; US-PGPUB; JPO	2002/04/04 11:46
-	243	345/108-110.cccls.	USPAT; US-PGPUB; JPO	2002/04/08 09:10
-	692	345/48,50,56-57.cccls.	USPAT; US-PGPUB; JPO	2002/04/04 11:48
-	540	345/50,56-57.cccls.	USPAT; US-PGPUB; JPO	2002/04/04 11:53
-	417	345/102.cccls.	USPAT; US-PGPUB; JPO	2002/04/05 15:31
-	59	345/109.cccls.	USPAT; US-PGPUB; JPO	2002/04/04 16:06
-	218	hamada-tetsuya.in.	USPAT; US-PGPUB; JPO	2002/04/05 12:28
-	315	345/84.cccls.	USPAT; US-PGPUB; JPO	2002/04/08 08:25
-	623	345/108,55.cccls.	USPAT; US-PGPUB; JPO	2002/04/04 16:47
-	480	345/55.cccls.	USPAT; US-PGPUB; JPO	2002/04/04 16:47
-	16	345/57.cccls.	USPAT; US-PGPUB; JPO	2002/04/04 16:56
-	59	345/109.cccls.	USPAT; US-PGPUB; JPO	2002/04/04 17:31
-	638	((liquid adj crystal adj display) and (belt or rotat\$3) and ((block or shut) with image)) and (light adj emit\$4)	USPAT; US-PGPUB; JPO	2002/04/05 08:35
-	70	(((liquid adj crystal adj display) and (belt or rotat\$3) and ((block or shut) with image)) and (light adj emit\$4)) and (back adj light)	USPAT; US-PGPUB; JPO	2002/04/05 08:37
-	433	349/61,62.cccls.	USPAT; US-PGPUB	2002/04/05 11:21
-	101	(liquid adj crystal adj display) and (belt or rotat\$3) and ((block or shut) with image) and (back adj light)	USPAT; US-PGPUB; JPO	2002/04/05 14:26
-	149	345/62	USPAT; US-PGPUB; JPO	2002/04/05 14:20
-	151	345/66	USPAT; US-PGPUB; JPO	2002/04/05 12:31
-	605	345/50	USPAT; US-PGPUB; JPO	2002/04/05 12:31

-	27	345/57	USPAT; US-PGPUB; JPO	2002/04/05 14:20
-	13	(liquid adj crystal adj display) and (back adj light) and (image and (non adj image))	USPAT; US-PGPUB; JPO	2002/04/05 15:00
-	54	(liquid adj crystal adj display) and (back adj light) and (roll\$3 and belt)	USPAT; US-PGPUB; JPO	2002/04/05 15:53
-	49	345/64	USPAT; US-PGPUB; JPO	2002/04/05 15:42
-	0	(liquid adj crystal adj image adj display) and (back adj light) and (belt)	USPAT; US-PGPUB; JPO	2002/04/05 15:56
-	33	(liquid adj crystal) and (image adj display) and (back adj light) and (belt)	USPAT; US-PGPUB; JPO	2002/04/05 16:02
-	203	(liquid adj crystal) and (image adj display) and ((shut or block or shield) near image)	USPAT; US-PGPUB; JPO	2002/04/05 16:27
-	8	345/7 and ((back adj light) same controll\$2)	USPAT; US-PGPUB; JPO	2002/04/05 16:29
-	8	(image adj display) and (continuous adj light adj emitting)	USPAT; US-PGPUB; JPO	2002/04/05 16:42
-	1225	(liquid adj crystal adj display) and ((shield or block or shut\$2) same image) and (light adj emitting)	USPAT; US-PGPUB; JPO	2002/04/05 17:02
-	956	345/89	USPAT	2002/04/05 17:08
-	12	(liquid adj crystal adj display) and (image and (non adj image)) and (back adj light)	USPAT; US-PGPUB	2002/04/08 08:24
-	1793	345/87.ccls.	USPAT; US-PGPUB; JPO	2002/04/08 10:47
-	868	(liquid adj crystal adj display) and (roller) and ((block or shut or shield) same image)	USPAT; US-PGPUB; JPO	2002/04/08 12:29
-	40	(liquid adj crystal adj display) and (roller) and ((block or shut or shield) adj image)	USPAT; US-PGPUB; JPO	2002/04/08 09:43
-	143	345/87.ccls. and ((shield or block or shut) same image)	USPAT; US-PGPUB; JPO	2002/04/08 11:18
-	11	Yoshinaga-Hideki.in.	USPAT; US-PGPUB; JPO	2002/04/08 11:08
-	21	345/87.ccls. and ((shield or shut) same image)	USPAT; US-PGPUB; JPO	2002/04/08 11:51
-	10	(liquid adj crystal adj display) and (roller OR belt) and ((image and (non adj image)) same (frame or period))	USPAT; US-PGPUB; JPO	2002/09/13 09:28
-	101	345/109	USPAT; US-PGPUB	2002/09/12 16:51
-	31	345/109 and shut\$4	USPAT; US-PGPUB	2002/09/12 16:52
-	10	345/109 and (shut\$4 or shield\$4) and sync\$8	USPAT; US-PGPUB	2002/09/12 17:09
-	1060	(image near2 display) and (shut\$4 near3 image)	USPAT; US-PGPUB	2002/09/12 17:14
-	11	(image near2 display) and (shut\$4 near off near image)	USPAT; US-PGPUB	2002/09/12 17:16
-	582	(image near display) and ((shut\$4 or shield\$4) same synchroniz\$5)	USPAT; US-PGPUB	2002/09/12 17:23
-	164	((image near display) and ((shut\$4 or shield\$4) same synchroniz\$5)) and (vertical near4 signal)	USPAT; US-PGPUB	2002/09/12 17:24
-	5	shut\$4 near off near2 display\$2 near3 image	USPAT; US-PGPUB	2002/09/13 09:34

-	248	Koyama near Jun	USPAT; US-PGPUB	2002/09/13 09:36
-	1	(Koyama near Jun) and (shut\$4 near off near3 image)	USPAT; US-PGPUB	2002/09/13 09:37
-	1	345/204 and (shut\$4 near off near3 image)	USPAT; US-PGPUB	2002/09/13 09:41
-	3494	345/\$ and (shut\$4 or (shield\$3 near2 member))	USPAT; US-PGPUB	2002/09/13 09:41
-	365	(345/\$ and (shut\$4 or (shield\$3 near2 member))) and ((shut\$4 or turn\$4) near3 image)	USPAT; US-PGPUB	2002/09/13 09:43
-	55	(345/\$ and (shut\$4 or (shield\$3 near2 member))) and (((shut\$4 or turn\$4) near3 image) same sync\$9)	USPAT; US-PGPUB	2002/09/13 10:05
-	27	368/25	USPAT; US-PGPUB	2002/09/13 11:06
-	50	348/200	USPAT; US-PGPUB	2002/09/13 11:09
-	84	348/268	USPAT; US-PGPUB	2002/09/13 11:10
-	32	348/268 and (shut\$4 or shield\$4)	USPAT; US-PGPUB	2002/09/13 11:20
-	1	Haba near Yasunori	USPAT; US-PGPUB	2002/09/13 11:55
-	238	345/6	USPAT; US-PGPUB	2002/09/13 13:13
-	73	345/6 and (shut\$4 or shield\$4)	USPAT; US-PGPUB	2002/09/13 13:37
-	679	345/\$ and (off near2 image)	USPAT; US-PGPUB	2002/09/13 13:38
-	60	(345/\$ and (off near2 image)) and (shield\$4)	USPAT; US-PGPUB	2002/09/13 13:54
-	2159	liquid near crystal near shutter	USPAT; US-PGPUB	2002/09/13 13:56
-	998	(liquid near crystal near shutter) and sync\$9	USPAT; US-PGPUB	2002/09/13 13:57
-	998	((liquid near crystal near shutter) and sync\$9) and (shut\$4 or shield\$4)	USPAT; US-PGPUB	2002/09/13 16:12
-	41	((liquid near crystal near shutter) and sync\$9) and ((shut\$4 or turn\$3) near2 off near4 image)	USPAT; US-PGPUB	2002/09/13 13:58
-	0	OOTAKE near HIDEMUNE	USPAT; US-PGPUB	2002/09/16 12:04
-	1	349/61-66	USPAT; US-PGPUB	2003/02/24 10:34
-	1008	349/61-66.ccls.	USPAT; US-PGPUB	2003/02/24 10:46
-	22	349/61-66.ccls. and (transmi\$5 and (non adj transmi\$5))	USPAT; US-PGPUB	2003/02/24 10:35
-	15	349/61-66.ccls. and ((shut\$5 or shield\$3 or block\$3) near2 image)	USPAT; US-PGPUB	2003/02/24 11:11
-	616	345/102	USPAT; US-PGPUB	2003/02/24 11:11
-	32	345/102 and ((shield\$3 or shut\$4 or block\$3) near2 image)	USPAT; US-PGPUB	2003/02/24 11:21
-	18222	((shield\$3 or shut\$4 or block\$3) near2 image)	USPAT; US-PGPUB	2003/02/24 11:22
-	2044	(shut\$4 near2 image)	USPAT; US-PGPUB	2003/02/24 12:35
-	64	((shut\$4 near2 image)) and backlight	USPAT; US-PGPUB	2003/02/24 12:09
-	103	(shut\$4 near2 image) with period	USPAT; US-PGPUB	2003/02/24 13:27
-	91	345/56,57.ccls.	USPAT; US-PGPUB	2003/02/24 14:04
-	3	(shut\$3 near off near2 image) same frame	USPAT; US-PGPUB	2003/02/24 14:07
-	13	(shut\$3 near off near2 image) same display	USPAT; US-PGPUB	2003/02/24 14:09
-	418	(shield\$3) and (shut\$4 near2 image)	USPAT; US-PGPUB	2003/02/24 14:10

-	1272	(shield\$3) and ((shut\$4 or block\$3) near2 image)	USPAT; US-PPGPUB	2003/02/24 14:17
-	807	((shield\$3) and ((shut\$4 or block\$3) near2 image)) and display	USPAT; US-PPGPUB	2003/02/24 14:19
-	370	((shield\$3) and ((shut\$4 or block\$3) near2 image)) and display and sync\$9	USPAT; US-PPGPUB	2003/02/24 14:56
-	762	screensaver or (screen adj saver)	USPAT; US-PPGPUB	2003/02/24 15:17
-	127	(screensaver or (screen adj saver)) and lcd	USPAT; US-PPGPUB	2003/02/24 15:08
-	1	(screensaver or (screen adj saver)) and (shut\$4 near2 image)	USPAT; US-PPGPUB	2003/02/24 17:01
-	19	((screensaver or (screen adj saver)) and lcd) and (shut\$4 near off)	USPAT; US-PPGPUB	2003/02/24 15:08
-	30	(screensaver or (screen adj saver)) and (((shut\$4 or turn\$3) near off) with image)	USPAT; US-PPGPUB	2003/02/24 17:23
-	1	Haba near Yasunori	USPAT; US-PPGPUB	2003/02/24 16:42
-	35	HAMADA near TETSUYA	USPAT; US-PPGPUB	2003/02/24 16:44
-	66	SUZUKI near TOSHIHIRO	USPAT; US-PPGPUB	2003/02/24 16:49
-	32	345/867	USPAT; US-PPGPUB	2003/02/24 17:24
-	6	(travel\$4 near message) and belt and image	USPAT; US-PPGPUB	2003/03/03 11:57
-	2778	((shut\$4 or turn\$3) near off) with image and frame	USPAT; US-PPGPUB	2003/03/03 13:15
-	2052	((((shut\$4 or turn\$3) near off) with image) and frame) and display	USPAT; US-PPGPUB	2003/03/03 11:59
-	193	(((((shut\$4 or turn\$3) near off) with image) and frame) and display) and (vertical near sync\$9)	USPAT; US-PPGPUB	2003/03/03 12:00
-	69	(((((shut\$4 or turn\$3) near off) with image) and frame) and display) and (vertical near sync\$9)) and lcd	USPAT; US-PPGPUB	2003/03/03 12:00
-	79	((shut\$4 or turn\$3) near off) near2 image same frame	USPAT; US-PPGPUB	2003/03/03 13:24
-	0	((shut\$4 or turn\$3) near off) near2 image same (between near frame)	USPAT; US-PPGPUB	2003/03/03 13:25
-	6	((shut\$4 or turn\$3) near off) or replac\$3) near2 image same (between near frame)	USPAT; US-PPGPUB	2003/03/03 13:26
-	31	((shut\$4 or turn\$3) near off) near2 image) and (between near frame)	USPAT; US-PPGPUB	2003/03/03 13:28
-	91	((shut\$4 or turn\$3) near off) near2 image) and (vertical near sync\$9)	USPAT; US-PPGPUB	2003/03/03 15:34
-	5	(Eric near Raymond)	USPAT; US-PPGPUB	2003/03/03 15:34
-	201	345/44	USPAT; US-PPGPUB	2003/09/04 10:01
-	49	345/44 and ((shield\$3 block\$3) same light)	USPAT; US-PPGPUB	2003/09/04 10:14
-	110	345/109	USPAT; US-PPGPUB	2003/09/04 10:17
-	82889	(block\$4 shield\$4) with light	USPAT; US-PPGPUB	2003/09/04 17:10
-	20322	((block\$4 shield\$4) with light) and display and image	USPAT; US-PPGPUB	2003/09/04 17:11
-	9785	((block\$4 shield\$4) with light) and display and image) and ((transmitting transmission transmit) with light)	USPAT; US-PPGPUB	2003/09/04 17:12
-	2869	((block\$4 shield\$4) with light) and display and image) and ((transmitting transmission transmit) with light)) and synchroni\$7	USPAT; US-PPGPUB	2003/09/04 17:13
-	2048	((block\$4 shield\$4) with light) and display and image) and ((transmitting transmission transmit) with light)) and synchroni\$7) and (light adj4 emit\$4)	USPAT; US-PPGPUB	2003/09/04 17:13

	15813	(liquid near crystal) and shutter	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:05
	2670	((liquid near crystal) and shutter) and (image with (on an off))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:05
	996	((liquid near crystal) and shutter) and (image near3 (on an off))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:07
	36	((liquid near crystal) and shutter) and (image near3 (on an off)) and (light with (transmit\$4 and intercept\$3))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:28
	106	349/13.ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:24
	145001	"106" and (shield\$3 shut\$4)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:28
	487	345/84.ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:28
	8	345/84.ccls. and (light with (transmit\$4 and intercept\$3))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:28
	10	345/84.ccls. and (light with (transmi\$7 and intercept\$3))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:42
	7905	(light with (transmi\$7 and intercept\$3))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:42
	1126	(light with (transmi\$7 and intercept\$3)) and ((shield shut\$4 off) with image)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:47
	196	345/48.ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:46
	748	(light with (transmi\$7 and intercept\$3)) and (off with image)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:48
	250	(light with (transmi\$7 and intercept\$3)) and (off near3 image)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:50
	91	((light with (transmi\$7 and intercept\$3)) and (off near3 image)) and (display near device)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:48
	56	(light with (transmi\$7 and intercept\$3)) and (((shut\$4 turn) adj3 off) with image)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 14:51
	163	((light with (transmi\$7 and intercept\$3)) and (((shut\$4 turn\$3) adj3 off) with image))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 15:34
	354	345/4-6.ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 16:55

-	2560	((turn adj2 off) with image)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 16:35
-	30	345/4-6.ccls. and ((block (turn\$3 adj2 off)) adj4 image)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 16:55
-	37	345/4-6.ccls. and ((block\$3 (turn\$3 adj2 off)) adj4 image)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/09/30 16:57
-	52	345/4-6.ccls. and ((block\$3 shut\$4 (turn\$3 adj2 off)) adj4 image)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/10/01 10:13